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(71) Applicant (*for all designated States except US*): **PARMICELL CO., LTD.** [KR/KR]; 601 Millennium plaza, 1267-5, Mactan3-dong, Paldal-gu, Suwon-si, 442-373 Kyunggi-do (KR).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **KIM, Hyun-Soo** [KR/KR]; Daewoo Dongsin APT 313-1003, Youngtong-dong, Paldal-gu, Suwon-si, 442-470 Kyunggi-do (KR). **KANG, Young-Mo** [KR/KR]; Sungji APT 104-506, 1188, Kwonsun-dong, Kwonsun-gu, Suwon-si, 441-829 Kyunggi-do (KR). **LEE, Kyung-Bock** [KR/KR]; 201, 1255-1, Maetan3-dong, Paldal-gu, Suwon-si, 442-373 Kyunggi-do (KR). **PARK, Sang-Kyo** [KR/KR]; San-namushil Kyunyoung APT 666-302, Youngtong-dong, Paldal-gu, Suwon-si, 442-733 Kyunggi-do (KR). **LEE, Sang-Kap** [KR/KR]; Taesung APT 105-1407, Bummul-dong, Susung-gu, 706-766 Daegu-si (KR).

(74) Agent: **ROH, Jae-Chull**; WAY with ROH Patent & Law Office, 6F., Seil Building, #727-13 Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

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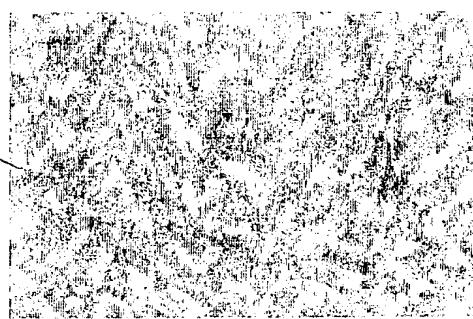
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(54) Title: METHOD FOR DIFFERENTIATING MESENCHYMAL STEM CELL INTO NEURAL CELL AND PHARMACEUTICAL COMPOSITION CONTAINING THE NEURAL CELL FOR NEURODEGENERATIVE DISEASE

(57) Abstract: The present invention provides a method of differentiating and proliferating a mesenchymal stem cell into the neural cell by culturing in a medium comprising an epidermal growth factor and a hepatocyte growth factor after confluent culture of the mesenchymal stem cell. The present invention provides more effective method of differentiating and proliferating the mesenchymal stem cell or the mononuclear cell comprising the mesenchymal stem cell into the neural cell with a neuron and an astrocyte in terms of time, efficiency and maturity as compared with conventional methods.



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